Notion Capture System Applications in Biomechanics

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BIOMECHANICAL ANALYSIS SYSTEM



Case Studies











Beijing Winter Paralympic Athletes | Skiing Training Center Ski Training Platform







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University of Oxford Medical Robots **NOKOV motion capture system** encompasses low to high-end series, catering to diverse customer needs. Its rich SDK development package allows for easy integration into user applications, acquiring point, rigid body, and skeletal data. Stable supply chain management ensures timely delivery.

Full Range Motion Capture Solutions

Versatile Applications for Precise Motion Tracking

Extensive Customization Support

Swift Shipping & Delivery for Seamless Integration

24/7 Uninterrupted Technical Service



Specification









Model	P/N	Pixels	Frame Rate	Latency	3D Accuracy	Capture Distance	e FOV
MARS 1.3H	Mars1.3H-INTL	1.3MP	240FPS	4.0ms	±0.2mm	11m [*]	56°×46°
	Mars1.3HW-INTL	1.3MP	240FPS	4.0ms	±0.3mm	6m [*]	95°×74°
MARS 2H	Mars2H	2.2MP	380FPS	2.4ms	±0.15mm	21m [°]	70°×40°
	Mars2HW	2.2MP	380FPS	2.4ms	±0.25mm	15m°	104°×55°
MARS 4H	Mars4H	4MP	180FPS	5.2ms	±0.1mm	32m [°]	52°×52°
	Mars4HW	4MP	180FPS	5.2ms	±0.25mm	20m [°]	90°×90°
MARSION	Mars9H	9MP	300FPS	3.0ms	±0.05mm	28m [*]	68°×37°
	Mars9HW	9MP	300FPS	3.0ms	±0.2mm	16m*	98°×50°
MARS 18H	Mars18H	18MP	139FPS	5.0ms	±0.04mm	28m°	52°×47°
	Mars18HW	18MP	139FPS	5.0ms	±0.15mm	18m°	90°×82°
MARS 26H	Mars26H	26MP	150FPS	4.0ms	±0.03mm	30m*	56°×56°
	Mars26HW	26MP	150FPS	4.0ms	±0.1mm	20m*	105°×105°

* Customized models are also avaliable upon requst. For more information, please contact info@nokov.cn

South University of Science and Technology **Gait Analysis** NOKOV Mars 2H ×12 Bertec FP4060 ×8 Bertec Treadmill Delsys Trigno NOKOV Mocap Software

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